

Appl. No. 09/620,572  
Amdt. dated Nov. 16, 2006  
Reply to Office action of May 16, 2006

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listing, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A method for capturing and distributing live content over a network comprising the steps of:

capturing signals of a live performance;

converting said signals to a digital format using a first sampling rate and a first resolution ~~sufficient to insert a first digital watermark into each sample without degrading said sample;~~

~~inserting the first digital watermark into each sample;~~

encoding said digitally formatted signals into a portable file at a second sampling rate and a second resolution wherein said second resolution is greater than said first resolution, a first data block is inserted into said added resolution, said second sampling rate is greater than said first sampling rate, a second data block is inserted into said added samples, and a first digital watermark comprises said first data block and said second data block; and

each time a song or act is completed, closing said portable file and transporting said portable file over a network.

Claim 2 (previously presented): The method of claim 1, further comprising the steps of:

receiving said portable file;

publishing said portable file for use by an end user;

converting said portable file to a format selected by said end user; and

transporting said converted file to said end user.

Appl. No. 09/620,572  
Amdt. dated Nov. 16, 2006  
Reply to Office action of May 16, 2006

Claim 3 (previously presented): The method of claim 2, further comprising the step of:  
inserting a second digital watermark into said converted file prior to transporting said file to said end user.

Claim 4 (previously presented): The method of claim 3, wherein said second digital watermark is inserted by a brute force insertion method, a subtle insertion method or an invisible insertion method.

Claims 5-8 (cancelled)

Claim 9 (currently amended): A system for capturing and distributing live content over a network comprising:

a capture system for capturing live content, for converting a plurality of analog signals into a plurality of digital signals using a first sampling rate and a first resolution, for converting said plurality of digital signals into a combined signal, and for transporting said combined signal to a processing and storage system via a single connector;

wherein said processing and storage system stores said combined signal, converts said combined signal back to said plurality of digital signals, converts said plurality of digital signals into a portable file, and closes said portable file each time a song or act is completed;

wherein said plurality of digital signals are converted into said portable file at a second sampling rate and a second resolution wherein said second resolution is greater than said first resolution, a first data block is inserted into said added resolution, said second sampling rate is greater than said first sampling rate, a second data block is inserted into said added samples, and a first digital watermark comprises said first data block and said second data block; and

wherein said portable file is transported over a network to a server.

Appl. No. 09/620,572  
Amdt. dated Nov. 16, 2006  
Reply to Office action of May 16, 2006

Claim 10 (original): The system of claim 9, wherein said portable file is published for use by a plurality of end users.

Claim 11 (currently amended): The system of claim 9, wherein a second digital watermark is inserted into said portable file prior to transport to said end user.

Claim 12 (currently amended): The system of claim 11, wherein said second digital watermark is inserted by a brute force insertion method, a subtle insertion method or an invisible insertion method.

Claims 13-14 (cancelled)

Claim 15 (currently amended): The system of claim 9, wherein said each of said plurality of end users receives said portable file with a unique second digital watermark.

Claim 16 (previously presented): The system of claim 9, wherein said portable file is converted to a WAV format, a MP3 format, a sdII format or a Real Audio format.

Claim 17 (cancelled)

Claim 18 (currently amended): An analog signal capture and converting device comprising:

- a capture device which receives a plurality of analog signals and converts said analog signals to a plurality of digital signals at a first sampling rate and a first resolution;

- a multiplexor connected to ~~the~~ said capture device for converting said plurality of digital signals into a combined signal;

- a processing unit connected to ~~the~~ said multiplexor via a single connector for converting said combined signals to a plurality of time-synchronized and locked digital signals; and

Appl. No. 09/620,572  
Amdt. dated Nov. 16, 2006  
Reply to Office action of May 16, 2006

a plurality of digital signal processors connected to the said processing unit for each of said plurality of time-synchronized and locked digital signals for directing said signals, wherein at least one of said signals from said plurality of digital signal processors is converted into a portable file at a second sampling rate and a second resolution wherein said second resolution is greater than said first resolution, a first data block is inserted into said added resolution, said second sampling rate is greater than said first sampling rate, a second data block is inserted into said added samples, and a first digital watermark comprises said first data block and said second data block.

Claim 19 (previously presented): The device of claim 18, wherein said multiplexor and said processing unit are in different physical locations.

Claim 20 (cancelled)

Claim 21 (currently amended): The device of claim 20 18, wherein said first digital watermark comprises two or more levels of verification.

Claim 22 (currently amended): The device of claim 21, wherein ~~one of~~ said two or more levels of verification ~~comprises~~ comprise:

a repeating code sequence ~~that is encoded in said digitally formatted signals~~ first data block; and

a digital signature encoded in said second data block.

Claim 23 (cancelled)

Claim 24 (currently amended): The device of claim 21, wherein said first digital watermark does not degrade playback of said portable file.

Appl. No. 09/620,572  
Amdt. dated Nov. 16, 2006  
Reply to Office action of May 16, 2006

Claim 25 (currently amended): The method of claim 1, wherein the step of encoding said digitally formatted signals into a portable file comprises the steps of:

- converting said digitally formatted signals into a combined signal;
- storing said combined signal;
- converting said stored combined signal into a plurality of digital signals; and
- converting said plurality of digital signals into said portable file at said second sampling rate and said second resolution.

Claim 26 (previously presented): The method of claim 25, wherein said plurality of digital signals are time-synchronized and locked.

Claim 27 (previously presented): The method of claim 25, wherein said plurality of digital signals can be extracted from said portable file for future editing or mixing or mastering.

Claim 28 (previously presented): The method of claim 2, wherein said portable file is published on a CD.

Claim 29 (cancelled)

Claim 30 (currently amended): The method of claim 1, wherein said first watermark ~~comprises a repeating code sequence that~~ identifies said live performance.

Claim 31 (previously presented): The method of claim 3, wherein said second watermark comprises a digital signature for said portable file as a whole that identifies said end user.

Claim 32 (currently amended): The method of claim 3, wherein said second digital watermark does not degrade playback of said portable file.

Appl. No. 09/620,572  
Amdt. dated Nov. 16, 2006  
Reply to Office action of May 16, 2006

Claim 33 (previously presented): The system of claim 10, wherein said portable file is published on a CD.

Claim 34 (currently amended): The system of claim ~~11~~ 9, wherein said first digital watermark comprises two or more levels of verification.

Claim 35 (currently amended): The system of claim 34, wherein ~~one of~~ said two or more levels of verification ~~comprises~~ comprise:

a repeating code sequence ~~that is encoded in said digitally formatted signals~~ first data block; and

a digital signature encoded in said second data block.

Claim 36 (cancelled)

Claim 37 (currently amended): The system of claim 11, wherein said second digital watermark does not degrade playback of said portable file.

Claim 38 (currently amended): The method of claim 1, wherein:

~~the~~ said first sampling rate is greater than 44,100 samples per second and ~~the~~ said first resolution is greater than 16 bits per sample; and

said second sampling rate is at least 96,000 samples per second and said second resolution is at least 24 bits per sample.

Claim 39 (currently amended): The method of claim 38, wherein:

~~the~~ said first sampling rate is approximately 96,000 samples per second and ~~the~~ said first resolution is 24 bits per sample; ~~or the;~~ and

said second sampling rate is between 120,000 and 128,000 samples per second and ~~the~~ said second resolution is 32 bits per sample.

Appl. No. 09/620,572  
Amdt. dated Nov. 16, 2006  
Reply to Office action of May 16, 2006

Claim 40 (currently amended): The method of claim 2, wherein ~~the~~ said format selected by ~~the~~ said end user is a WAV format, a MP3 format, a sdII format or a Real Audio format.

Claim 41 (currently amended): The method of claim 2, wherein the step of transporting said converted file to ~~the~~ said end user comprises the step of burning the said converted file onto a CD, or downloading the said converted file to a computer, memory or MP3 player.

Claim 42 (currently amended): A method for capturing and distributing live content over a network comprising the steps of:

- capturing signals of a live performance;

- converting said signals to a digital format using a sampling rate greater than 44,100 samples per second and a resolution greater than 16 bits per sample;

- ~~inserting the first digital watermark that identifies said live performance into each sample;~~

- encoding said digitally formatted signals into a portable file at approximately 32,000 samples per second higher than said sampling rate and approximately 8 bits per sample higher than said resolution, a first data block is inserted into said added resolution, a second data block is inserted into said added samples, and a first digital watermark comprises said first data block and said second data block;

- each time a song or act is completed, closing said portable file and transporting said portable file over a network;

- publishing said portable file for use by an end user;

- converting said portable file to a format selected by ~~the~~ said end user;

- inserting a second digital watermark that identifies ~~the~~ said end user into said converted file; and

- transporting said converted file to said end user.

Appl. No. 09/620,572  
Amdt. dated Nov. 16, 2006  
Reply to Office action of May 16, 2006

Claim 43 (new): The method as recited in claim 1, wherein:

said added resolution comprises approximately 8 bits per sample; and  
said added samples comprises approximately 32,000 samples per second.

Claim 44 (new): The method as recited in claim 38, wherein:

said first sampling rate is approximately 128,000 samples per second and said first resolution is 32 bits per sample; and  
said second sampling rate is approximately 160,000 samples per second and said second resolution is 40 bits per sample.

Claim 45 (new): The method as recited in claim 1, wherein:

said first data block comprises a repeating code sequence; and  
said second data block comprises a digital signature.